



SEQUENCE LISTING

<110> Robert G. Wisotzkey

<120> SLC19A2 Amino Acid Transporter Gene
Disruptions, and Compositions and Methods Related Thereto

<130> R-2243

<140> US 10/603,182

<141> 2003-06-24

<150> US 60/391,157

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Thr Glu Arg Gln Val Tyr Asn Glu Ile Tyr Pro Val Trp Thr Tyr Ser
65          70          75          80
Tyr Leu Leu Leu Leu Phe Pro Val Phe Leu Ala Thr Asp Tyr Leu Arg
85          90          95
Tyr Lys Pro Val Ile Leu Leu Gln Gly Leu Ser Leu Ile Val Thr Trp
100          105          110
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 His Gly Val Asn Gly Leu Lys Val Gln Asn Gly Gly Ile Val Thr Asp
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 Thr Pro Ala Ala Asn His Leu Pro Gly Trp Glu Asp Ile Glu Ser Lys
 245 250 255
 Ile Pro Leu Asn Leu Asp Glu Pro Pro Val Glu Glu Pro Glu Glu Pro
 260 265 270
 Lys Pro Asp Arg Leu Arg Val Phe Arg Val Leu Trp Asn Asp Phe Leu
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 Trp Glu Lys Val Met Pro Ser Gln Asn Ala Asp Ile Tyr Asn Gly Gly
 325 330 335
 Val Glu Ala Val Ser Thr Leu Leu Gly Ala Ser Ala Val Phe Ala Val
 340 345 350
 Gly Tyr Ile Lys Leu Ser Trp Ser Thr Trp Gly Glu Met Thr Leu Phe
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 370 375 380
 Gln Ser Ile Trp Val Cys Tyr Ala Ser Tyr Val Val Phe Arg Ile Ile
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 Ser Met Glu Arg Tyr Ala Leu Val Phe Gly Val Asn Thr Phe Ile Ala
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